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## FAX TRANSMITTAL SHEET

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March 22, 2005

TO: Examiner Ghulamali  
GAU 2637  
U.S. Serial No. 10/620,477

Company:

U.S. Patent and Trademark Office

Fax #: 703-872-9306

City/State:

Alexandria, VA 22313

Mail Stop Amendment

FROM: Steven P. Wigmore

5551

Our Ref. #:

07982.105018

NUMBER OF PAGES (including transmittal sheet): 20

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### Notes/Comments:

#### Documents Submitted Via Facsimile:

Applicant: Andrew Joo Kim et al.

Serial No.: 10/620,477

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization for Optimal High Speed Multilevel Signal Decoding

Papers Faxed: Amendment Transmittal in duplicate (2-pgs.); Three Month Extension of Time in Duplicate (2-pgs.) and Amendment (15-pgs.).

## PATENTS

## IN THE U.S. PATENT AND TRADEMARK OFFICE

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In re application of:

Docket No. 07982.105018

MAR 22 2005

Andrew Joo Kim et al.

Art Unit 2637

Serial No.: 10/620,477

Filed: July 15, 2003

Examiner Q. Ghulamali

For: Adaptive Noise Filtering and  
Equalization for Optimal High Speed  
Multilevel Signal Decoding

Confirmation No.: 8614

March 22, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are papers in the above-identified application.

- ☒ Amendment and Response submitted under 37 C.F.R. § 1.111.  
☒ Applicant(s) claim small entity status. See 37 C.F.R. § 1.27.  
☒ Three Month Petition for Extension of Time Fee of \$510.00 charged to Deposit Acct No. 11-0980.  
☐ The additional fee is calculated as shown below:

|  |   |       |                                   |                  | SMALL ENTITY |               | LARGE ENTITY |               |
|--|---|-------|-----------------------------------|------------------|--------------|---------------|--------------|---------------|
|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA | RATE         | ADDIT.<br>FEE | RATE         | ADDIT.<br>FEE |
| TOTAL  | 32  | MINUS | 32 =                              |                  | x25          | \$0           | x50          | \$            |
| INDEP.   | 4   | MINUS | 4=                                |                  | x100         | \$0           | x200         | \$            |
| FIRST PRESENTATION OF<br>MULTIPLE DEPENDENT CLAIMS |   |       |                                   |                  | +180         | \$            | +360         | \$            |
| TOTAL<br>ADDITIONAL FEE                            |   |       |                                   |                  |              | \$0           | \$           |               |

- ☒ The Commissioner is hereby authorized to charge any additional fees required under 37 CFR § 1.16, or to credit any overpayment to Deposit Account No. 11-0980. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is being facsimile transmitted to Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Q. Ghulamali, GAU 2637, Facsimile No. (703) 872-9306 on March 22, 2005.

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3720515 v1

**DUPLICATE****PATENTS****IN THE U.S. PATENT AND TRADEMARK OFFICE**

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Docket No. 07982.105018

**Andrew Joo Kim et al.**

Art Unit 2637

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